

Fig. 1
(Prior Art)

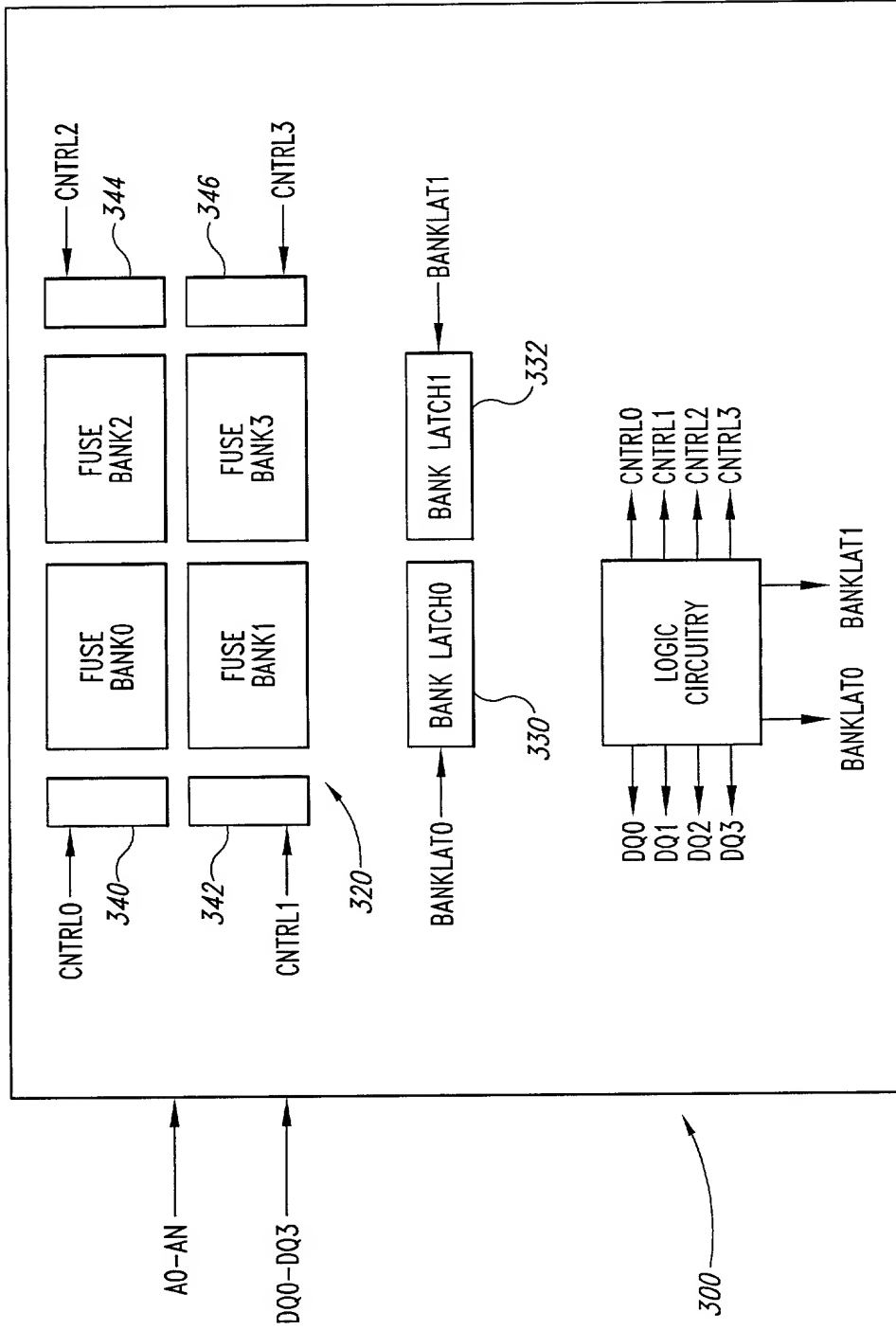


Fig. 2

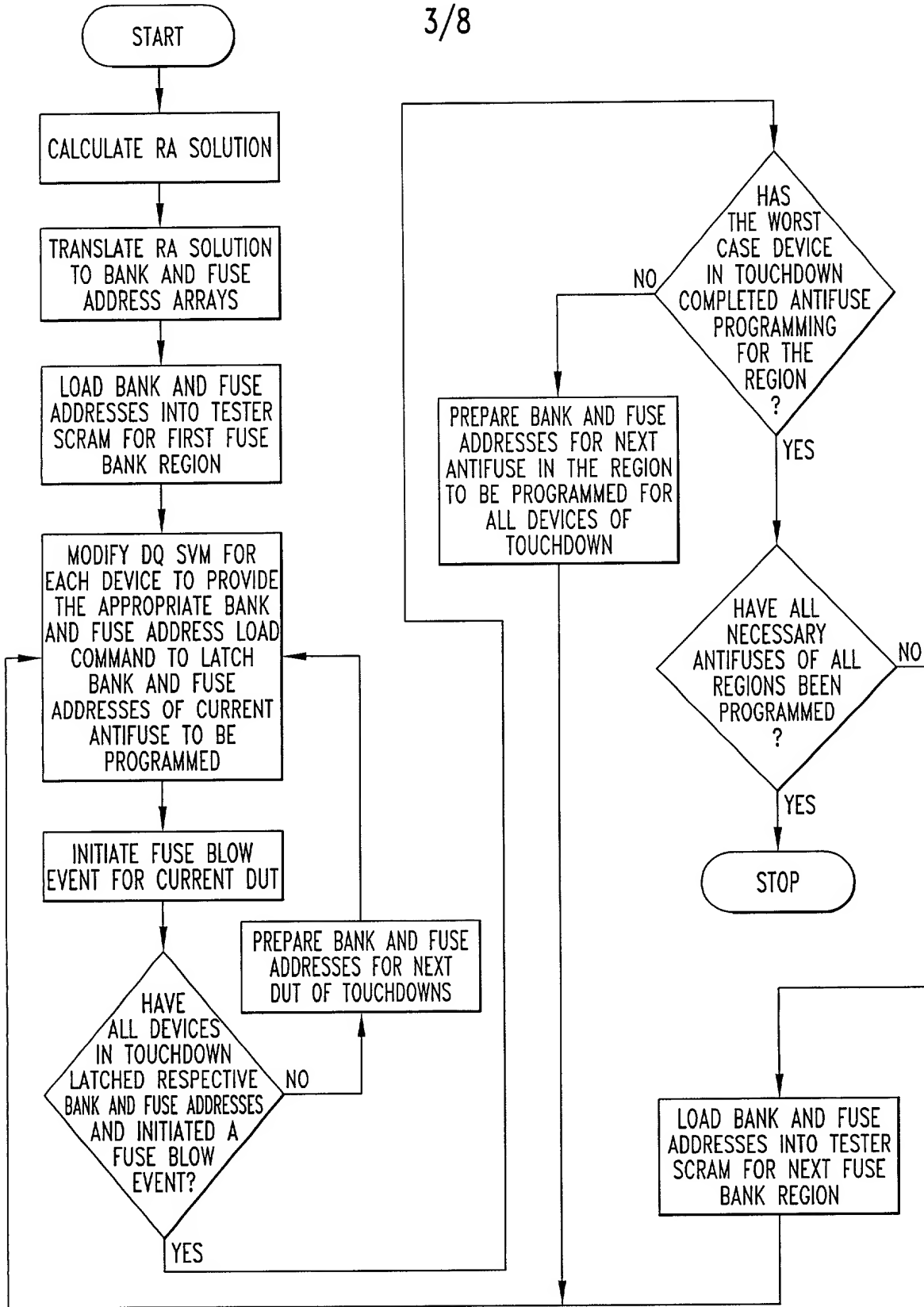


Fig. 3

SIMPLIFIED WAVEFORM FOR J994 FUSE BLOW METHOD

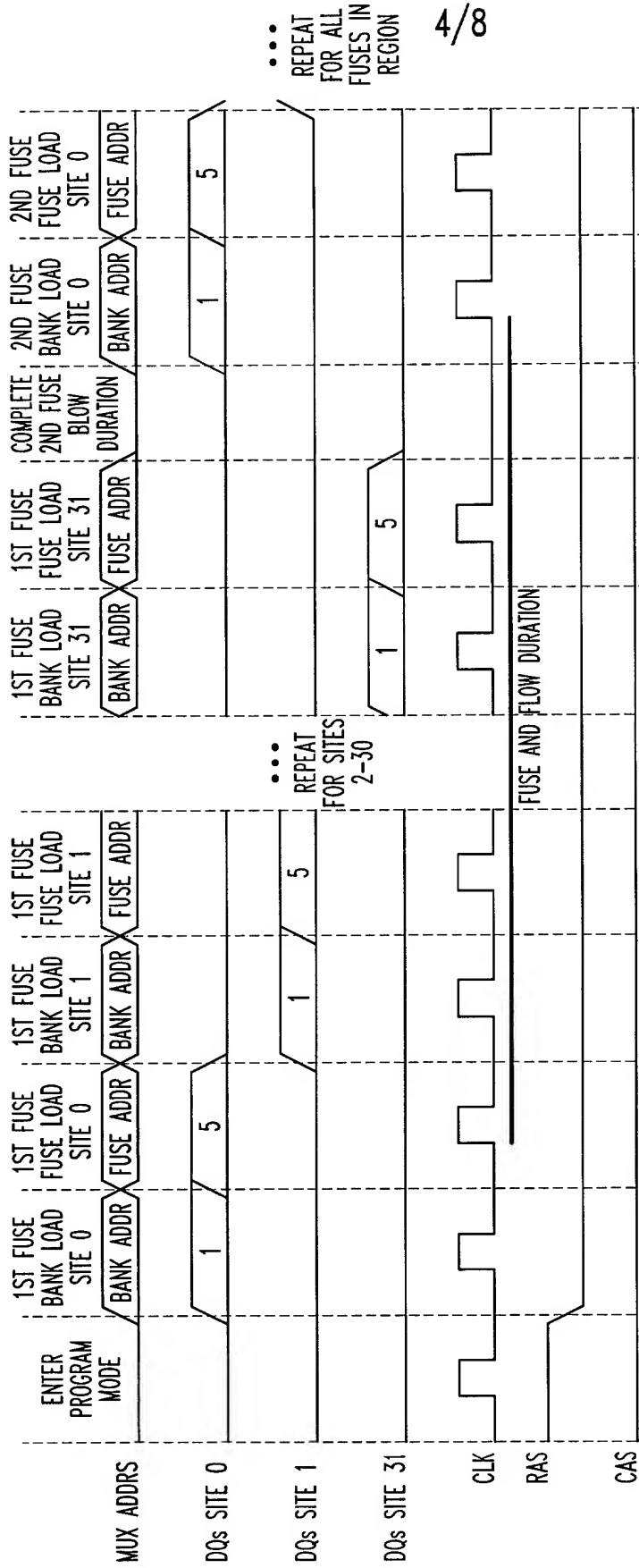
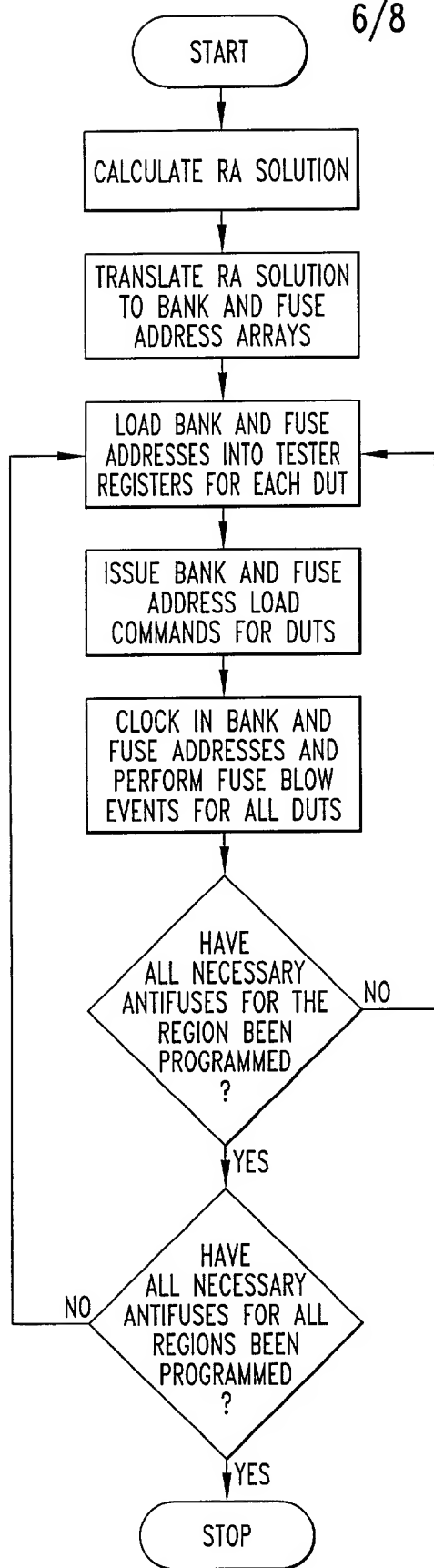
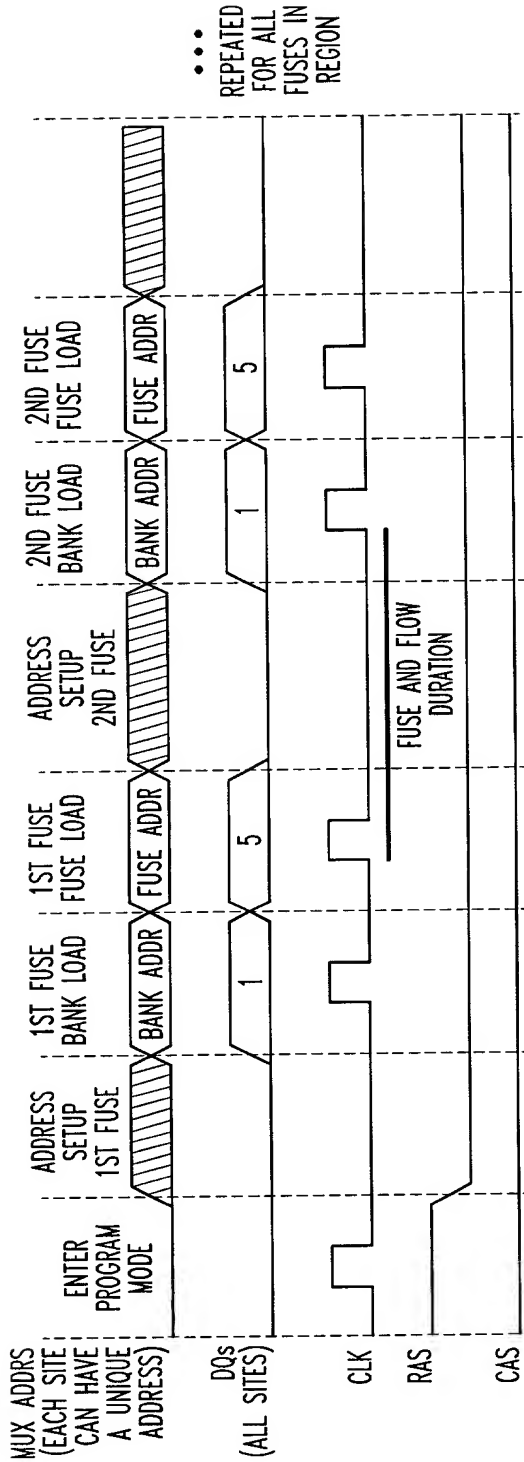


Fig. 4

SCRAM RAM		DQ SVM DATA			
		DUT 0 0123	DUT 1 0123	DUT 31 0123	DUT 63 0123
BANK	ADDR	1000	0000	0000	0000
FUSE	ADDR	1010	0000	0000	0000
BANK	ADDR	0000	1000	0000	0000
FUSE	ADDR	0000	1010	0000	0000
.					
.					
.					
BANK	ADDR	0000	0000	1000	0000
FUSE	ADDR	0000	0000	1010	0000
.					
.					
.					
BANK	ADDR	0000	0000	0000	1000
FUSE	ADDR	0000	0000	0000	1010

Fig. 5

*Fig. 6*



DQS FOR BANK AND FUSE ADDRESS LOADING

HEX	FUNCTION
0000	LOAD NOTHING
0001	LOAD BANK ADDRESS LEFT
0010	LOAD BANK ADDRESS RIGHT
0101	LOAD FUSE ADDRESS TOP LEFT
0110	LOAD FUSE ADDRESS TOP RIGHT
1001	LOAD FUSE ADDRESS BOTTOM LEFT
1010	LOAD FUSE ADDRESS BOTTOM RIGHT

DEVICE LAYOUT

DEVICE BANK (FUSE REGION) 0	
DQs	
3210	
0001	LOAD BANK ADDRESS
0101	LOAD FUSE ADDRESS

DEVICE BANK (FUSE REGION) 1	
DQs	
3210	
0001	LOAD BANK ADDRESS
1001	LOAD FUSE ADDRESS

DEVICE BANK (FUSE REGION) 2	
DQs	
3210	
0010	LOAD BANK ADDRESS
0110	LOAD FUSE ADDRESS

DEVICE BANK (FUSE REGION) 3	
DQs	
3210	
0010	LOAD BANK ADDRESS
1010	LOAD FUSE ADDRESS

Fig. 7

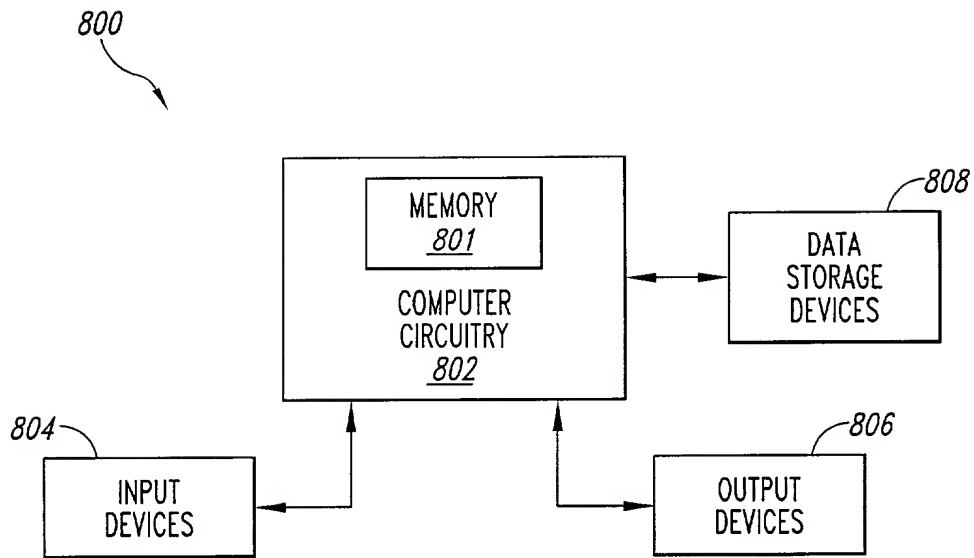


Fig. 8